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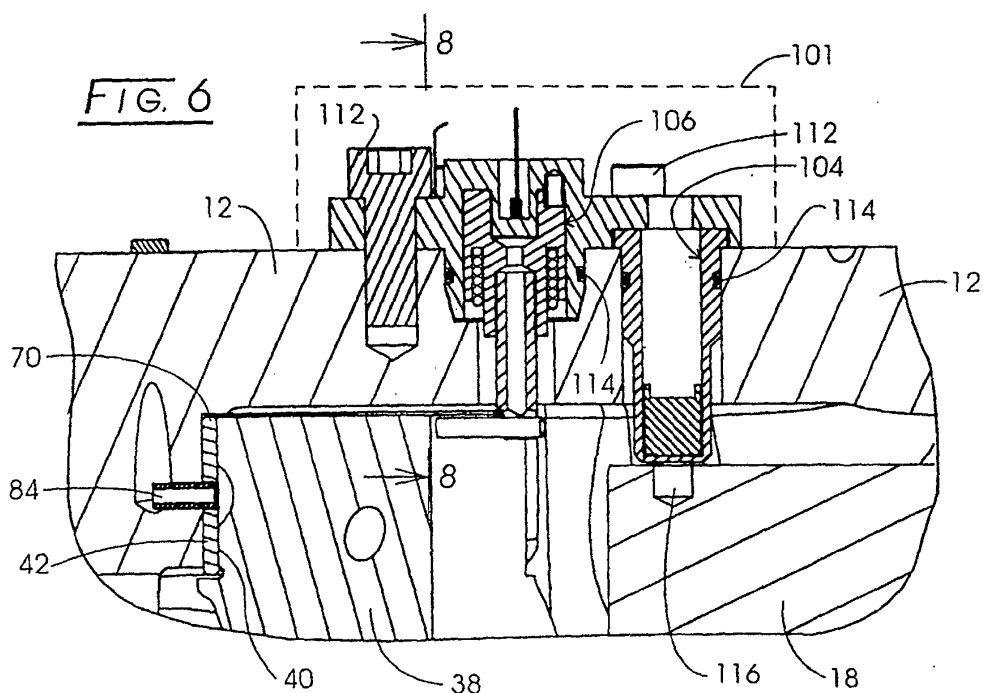
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(54) **Improved variable-displacement axial piston pump**

(57) A variable-displacement, axial piston-type hydraulic fluid pump having a pump housing (12) is provided with co-operating pump rotational speed, thrust plate position, and working pressure operating-condition sensor assemblies (100) that are partially contained

within the pump housing (12), that are partially contained within a separate position sensor housing (110) which is removably secured to the pump housing (12), and that are sealed against high-pressure fluid leakage using only static resilient fluid pressure seals (114).





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 03 07 5028

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			F04B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		14 October 2003	Dimitroulas, P
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p> <p>& : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 03 07 5028

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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